



1276302.1.ST25  
SEQUENCE LISTING

Yeda Research and Development Company Ltd.

<120> ASSAY FOR THE DIAGNOSIS OF SCHIZOPHRENIA BASED ON A NEW PEPTIDE

<130> 1276302

<140> 09/647,457

<141> 2000-09-29

<150> PCT/IL99/00190

<151> 1999-09-29

<150> 123925

<151> 1998-04-02

<160> 15

<170> PatentIn version 3.1

<210> 1

<211> 17

<212> PRT

<213> Unknown

<220>

<223> an isolated peptide which binds antibodies.

<220>

<221> MISC\_FEATURE

<222> (1)..(17)

<223> Xaa in position 1 may be SGETEDTFIAD, IAD,AD,D or may be absent;  
Xaa in position 9 may be C, G, or P; Xaa in position 15 may be AP  
, or PA; Xaa in position 17 may be R, or may be absent.

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Xaa Leu Val Val Gly Leu Cys Thr Xaa Gln Ile Lys Thr Gly Xaa Cys  
1 5 10 15

Xaa

<210> 2

<211> 28

<212> PRT

<213> Unknown

<220>

<223> being the immunologically active epitope

<400> 2

Ser Gly Glu Thr Glu Asp Thr Phe Ile Ala Asp Leu Val Val Gly Leu  
1 5 10 15

Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg  
20 25

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<210> 3  
 <211> 16  
 <212> PRT  
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<220>  
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients.

<400> 3

Leu Val Val Gly Leu Cys Thr Cys Gln Ile Lys Thr Gly Pro Ala Cys  
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<210> 4  
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 <212> PRT  
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 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients.

<400> 4

Ile Ala Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly  
 1 5 10 15

71 Ala Pro Cys Arg  
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<210> 5  
 <211> 19  
 <212> PRT  
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 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 5

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Pro Cys Arg

<210> 6  
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1276302.1.ST25

<400> 6

Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro  
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Cys Arg

<210> 7

<211> 17

<212> PRT

<213> Unknown

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<223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 7

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys  
1 5 10 15

Arg

71 <210> 8

<211> 17

<212> PRT

<213> Unknown

<220>

<223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 8

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Pro Ala Cys  
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Arg

<210> 9

<211> 17

<212> PRT

<213> Unknown

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<223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 9

Leu Val Val Gly Leu Cys Thr Pro Gln Ile Lys Thr Gly Pro Ala Cys  
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Arg

<210> 10  
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 <212> PRT  
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<400> 10

Ser Gly Glu Thr Glu Asp Thr Phe Ile Ala Asp Leu Val Val Gly Leu  
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Cys Thr Gly Gln  
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<210> 11  
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91 <220>  
 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 11

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<210> 12  
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<400> 12

Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg  
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 <223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

1276302.1.ST25

<400> 13

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys  
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<210> 14

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<212> PRT

<213> Unknown

<220>

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Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro  
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<223> peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients

<400> 15

Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Pro Ala Cys  
1 5 10 15